

1	ATG	AAC	ACC	ACA	CTG	ATG	CAA	GGC	TTC	AAC	AGA	TCT	GAG	CGG	TGC	45
1	M	N	T	T		M	Q	G	F	N	R	S	E		C	15
46	CCC	AGA	GAC	ACT	CGG	ATA	GTA	CAG	CTG	GTA	TTC	CCA	GCC	CTC	TAC	90
16	P	R	D	T	R	I	V	Q	L	V	F	P	A	L	Y	30
91	ACA	GTG	GTT	TTC	TTG	ACC	GGC	ATC	CTG	CTG	AAT	ACT	TTG	GCT	CTG	135
31	T	V	V	F	L	T	G	I	L	L	N	T	L	A	L	45
I																
136	TGG	GTG	TTT	GTT	CAC	ATC	CCC	AGC	TCC	TCC	ACC	TTC	ATC	ATC	TAC	180
46	W	V	F	V	H	I	P	S	S	S	T	F	I	I	Y	60
181	CTC	AAA	AAC	ACT	TTG	GTG	GCC	GAC	TTG	ATA	ATG	ACA	CTC	ATG	CTT	225
61	L	K	N	T	L	V	A	D	L	I	M	T	L	M	L	75
II																
226	CCT	TTC	AAA	ATC	CTC	TCT	GAC	TCA	CAC	CTG	GCA	CCC	TGG	CAG	CTC	270
76	P	F	K	I	L	S	D	S	H	L	A	P	W	Q	L	90
271	AGA	GCT	TTT	GTG	TGT	CGT	TTT	TCT	TCG	GTG	ATA	TTT	TAT	GAG	ACC	315
91	R	A	F	V	C	R	F	S	S	V	I	F	Y	E	T	105
316	ATG	TAT	GTG	GGC	ATC	GTG	CTG	TTA	GGG	CTC	ATA	GCC	TTT	GAC	AGA	360
106	M	Y	V	G	I	V	L	L	G	L	I	A	F	D	R	120
III																
361	TTC	CTC	AAG	ATC	ATC	AGA	CCT	TTG	AGA	AAT	ATT	TTT	CTA	AAA	AAA	405
121	F	L	K	I	I	R	P	L	R	N	I	F	L	K	K	135
406	CCT	GTT	TTT	GCA	AAA	ACG	GTC	TCA	ATC	TTC	ATC	TGG	TTC	TTT	TTG	450
136	P	V	F	A	K	T	V	S	I	F	I	W	F	F	L	150
IV																
451	TTC	TTC	ATC	TCC	CTG	CCA	AAT	ATG	ATC	TTG	AGC	AAC	AAG	GAA	GCA	495
151	F	F	I	S	L	P	N	M	I	L	S	N	K	E	A	165
496	ACA	CCA	TCG	TCT	GTG	AAA	AAG	TGT	GCT	TCC	TTA	AAG	GGG	CCT	CTG	540
166	T	P	S	S	V	K	K	C	A	S	L	K	G	P	L	180
541	GGG	CTG	AAA	TGG	CAT	CAA	ATG	GTA	AAT	AAC	ATA	TGC	CAG	TTT	ATT	585
181	G	L	K	W	H	Q	M	V	N	N	I	C	Q	F	I	195
586	TTC	TGG	ACT	GTT	TTT	ATC	CTA	ATG	CTT	GTG	TTT	TAT	GTG	GTT	ATT	630
196	F	W	T	V	F	I	L	M	L	V	F	Y	V	V	I	210
V																
631	GCA	AAA	AAA	GTA	TAT	GAT	TCT	TAT	AGA	AAG	TCC	AAA	AGT	AAG	GAC	675
211	A	K	K	V	Y	D	S	Y	R	K	S	K	S	K	D	225
676	AGA	AAA	AAC	AAC	AAA	AAG	CTG	GAA	GGC	AAA	GTA	TTT	GTT	GTC	GTG	720
226	R	K	N	N	K	K	L	E	G	K	V	F	V	V	V	240
721	GCT	GTC	TTC	TTT	GTG	TGT	TTT	GCT	CCA	TTT	CAT	TTT	GCC	AGA	GTT	765
241	A	V	F	F	V	C	F	A	P	F	H	F	A	R	V	255
VI																
766	CCA	TAT	ACT	CAC	AGT	CAA	ACC	AAC	AAT	AAG	ACT	GAC	TGT	AGA	CTG	810
256	P	Y	T	H	S	Q	T	N	N	K	T	D	C	R	L	270
811	CAA	AAT	CAA	CTG	TTT	ATT	GCT	AAA	GAA	ACA	ACT	CTC	TTT	TTG	GCA	855
271	Q	N	Q	L	F	I	A	K	E	T	T	L	F	L	A	285
856	GCA	ACT	AAC	ATT	TGT	ATG	GAT	CCC	TTA	ATA	TAC	ATA	TTC	TTA	TGT	900
286	A	T	N	I	C	M	D	P	L	I	Y	I	F	L	C	300
VII																
901	AAA	AAA	TTC	ACA	GAA	AAG	CTA	CCA	TGT	ATG	CAA	GGG	AGA	AAG	ACC	945
301	K	K	F	T	E	K	L	P	C	M	Q	G	R	K	T	315
946	ACA	GCA	TCA	AGC	CAA	GAA	AAT	CAT	AGC	AGT	CAG	ACA	GAC	AAC	ATA	990
316	T	A	S	S	Q	E	N	H	S	S	Q	T	D	N	I	330
991	ACC	TTA	GGC	TGA												1002
331	T	L	G	*												334

Figure 1

Figure 2

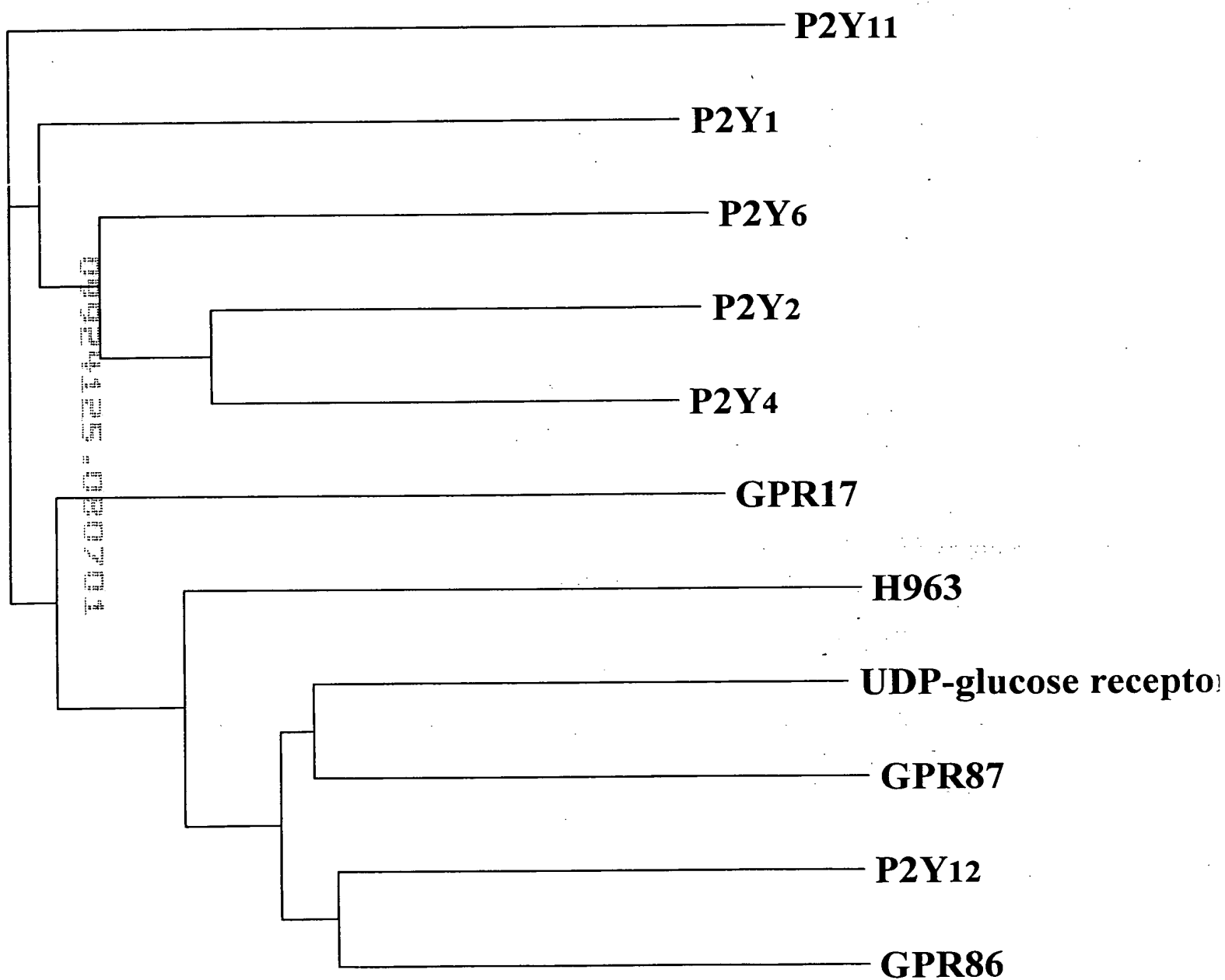
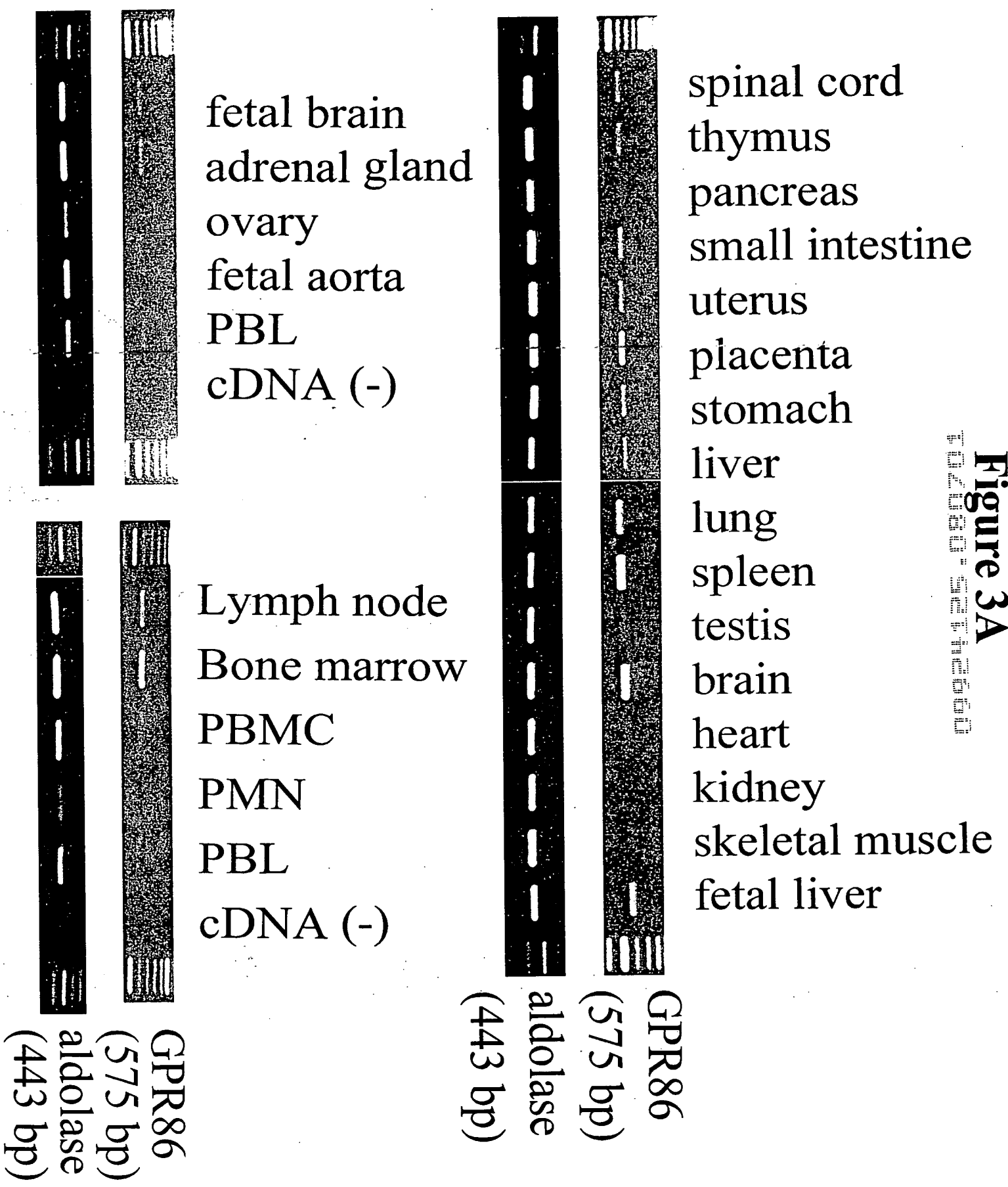


Figure 3A



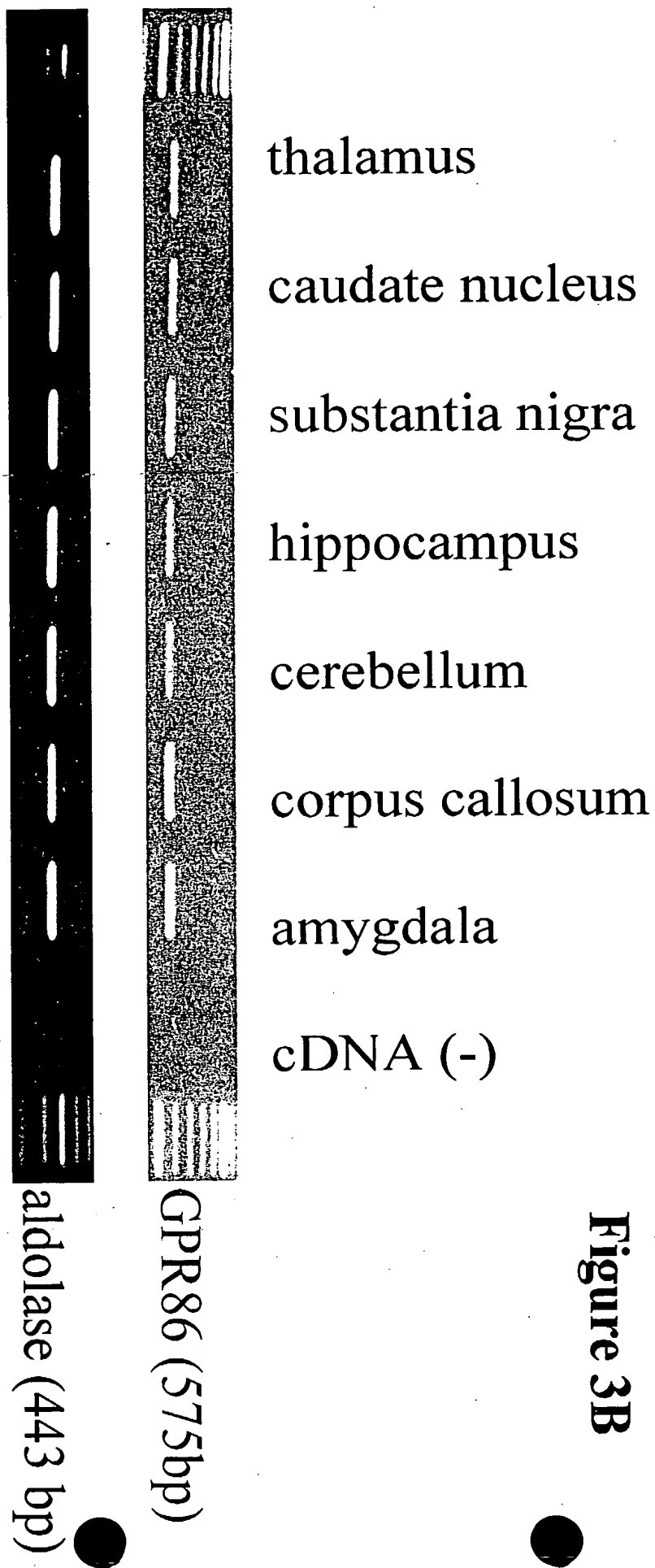


Figure 3B

Figure 4A
102060-50112660

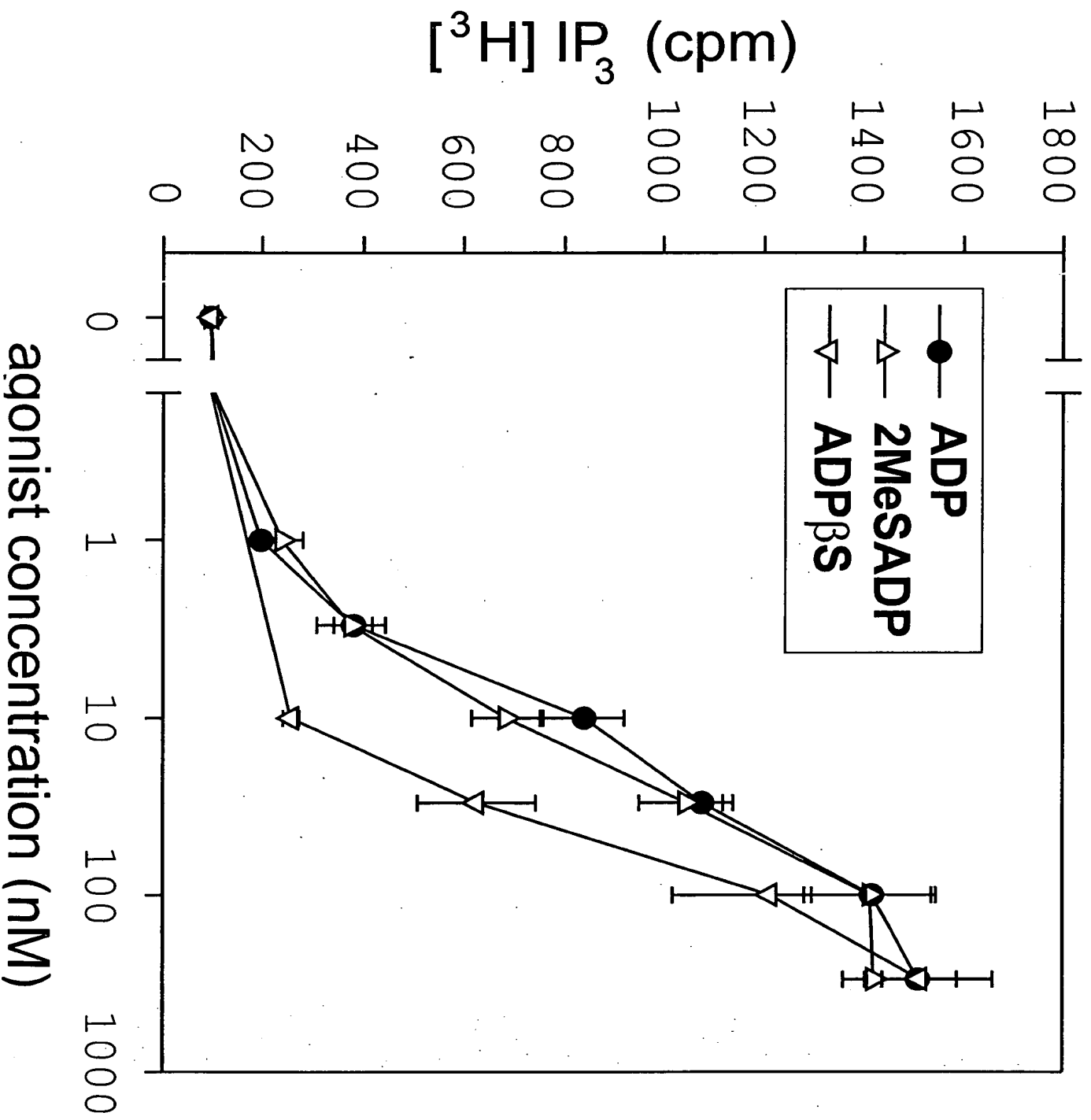


Figure 4B

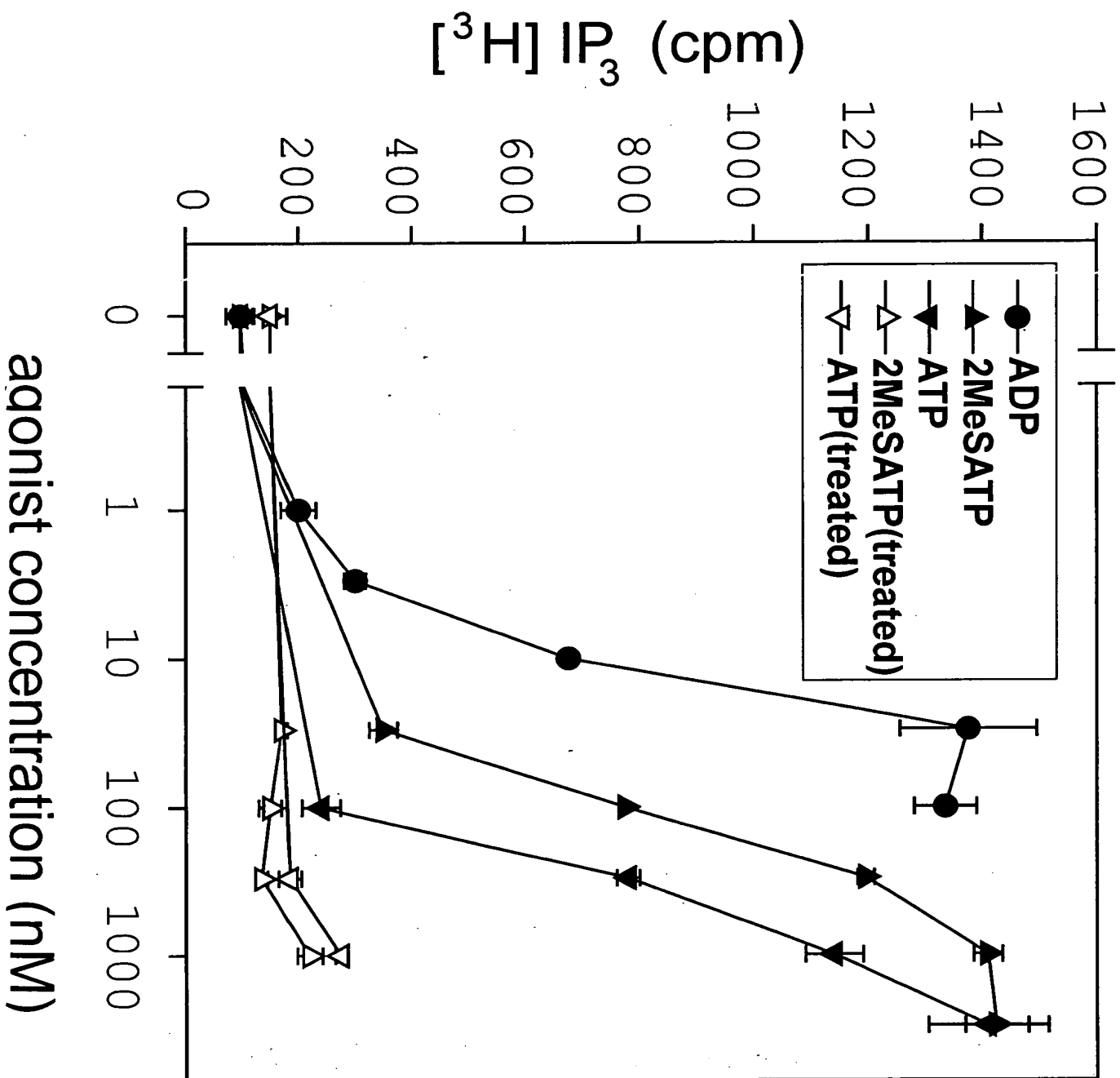


Figure 4C

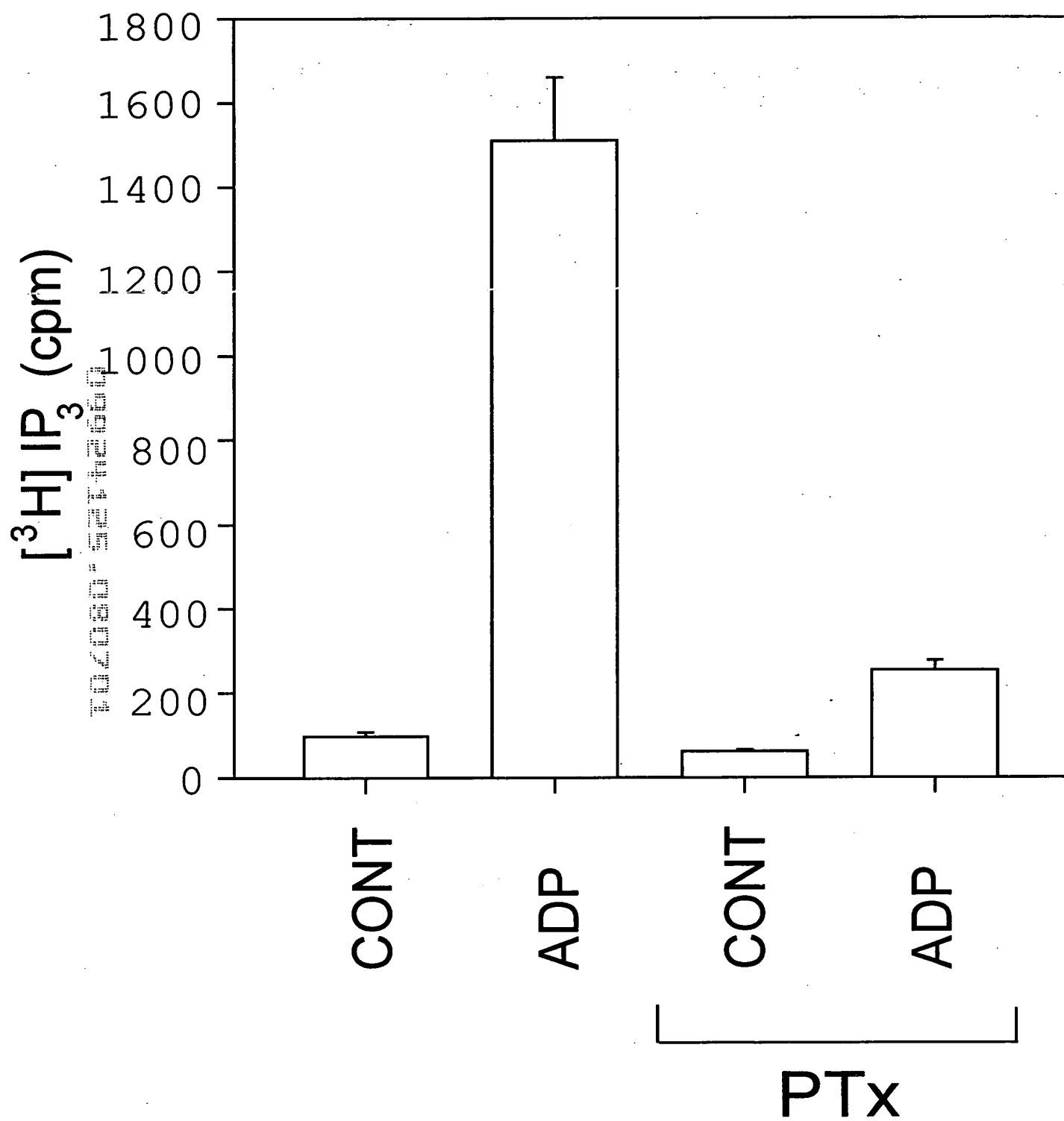


Figure 5A

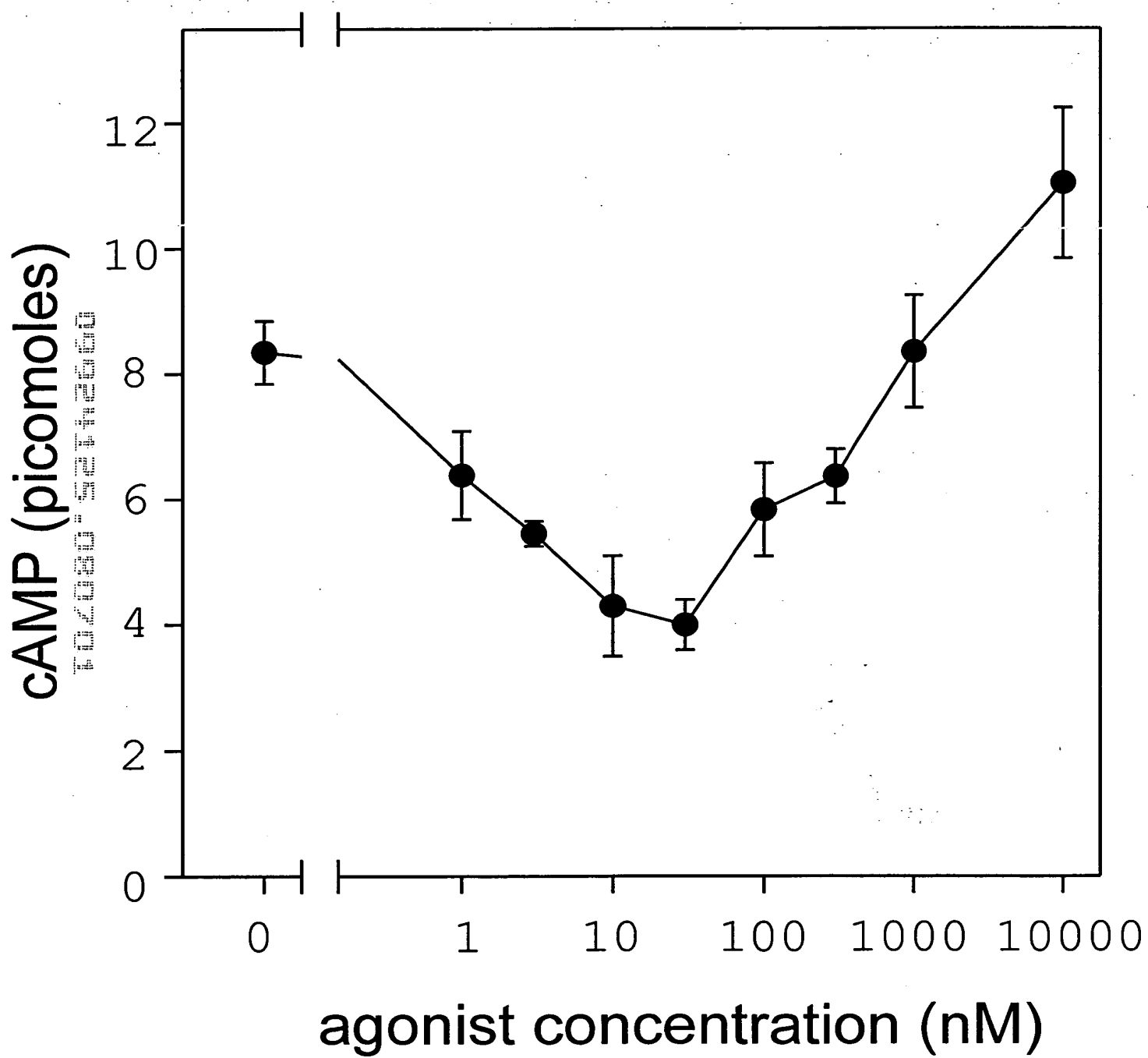
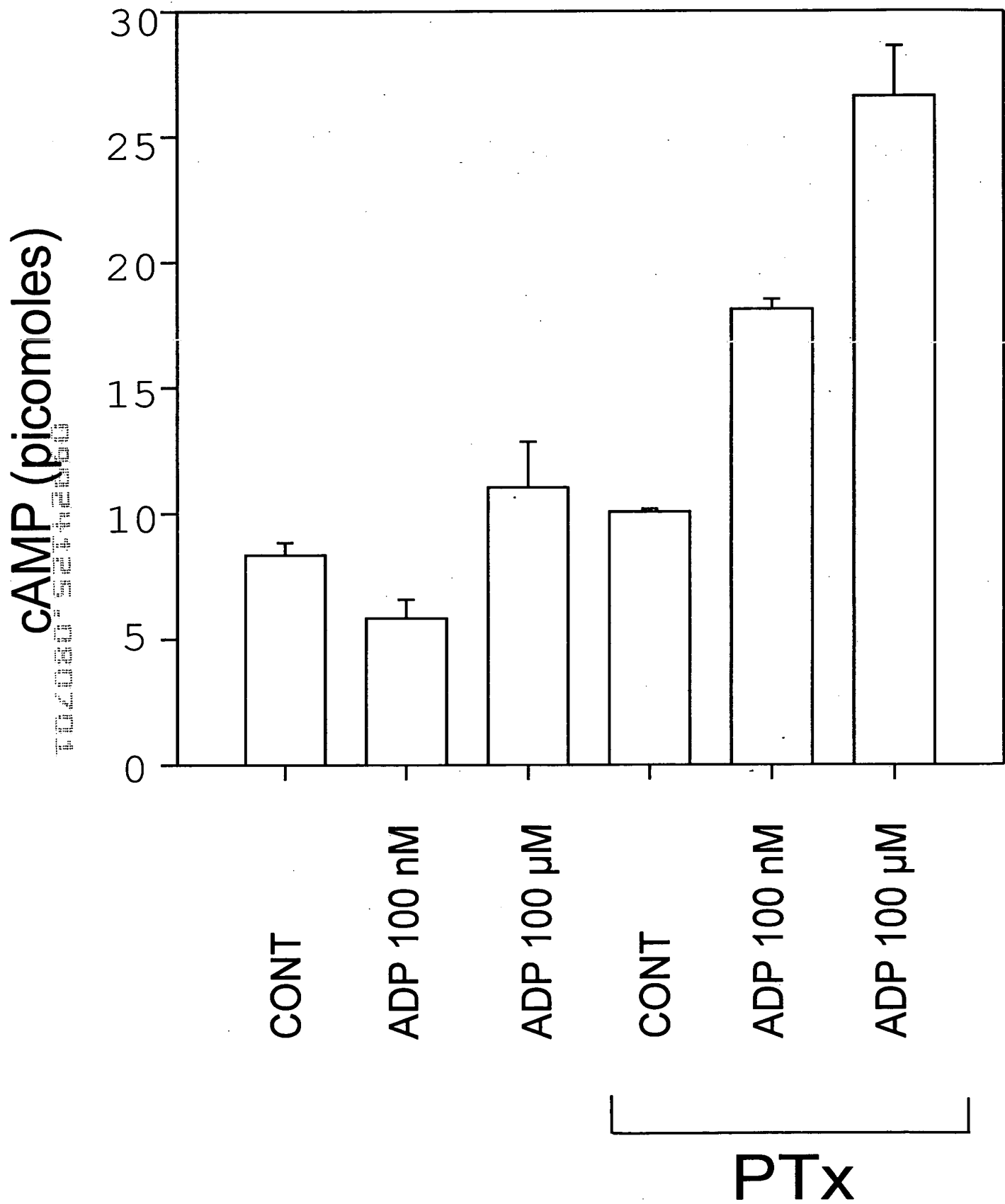
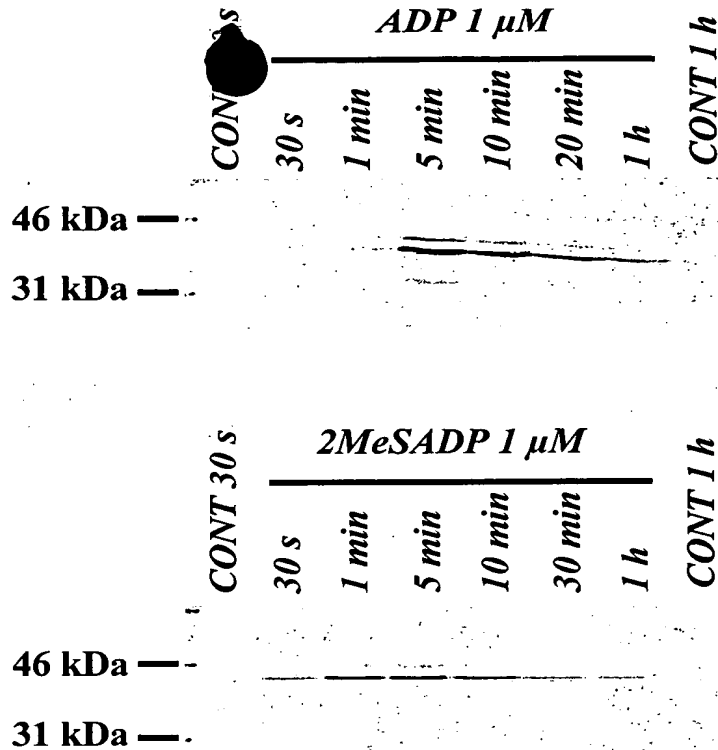


Figure 5B



A



B

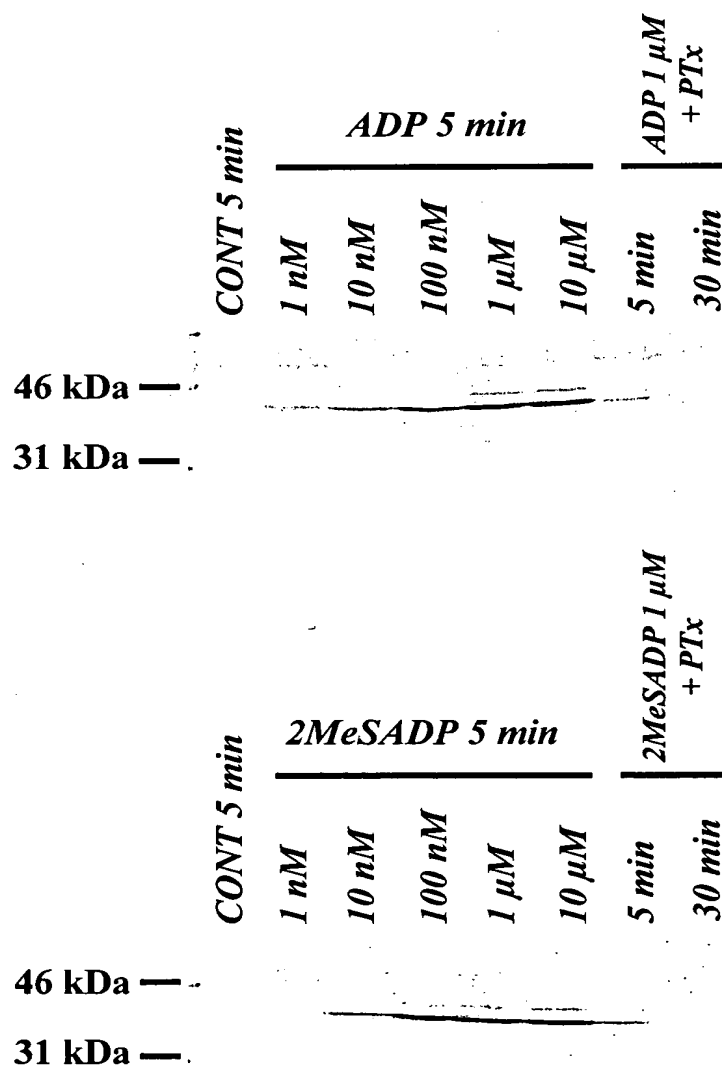


Figure 6

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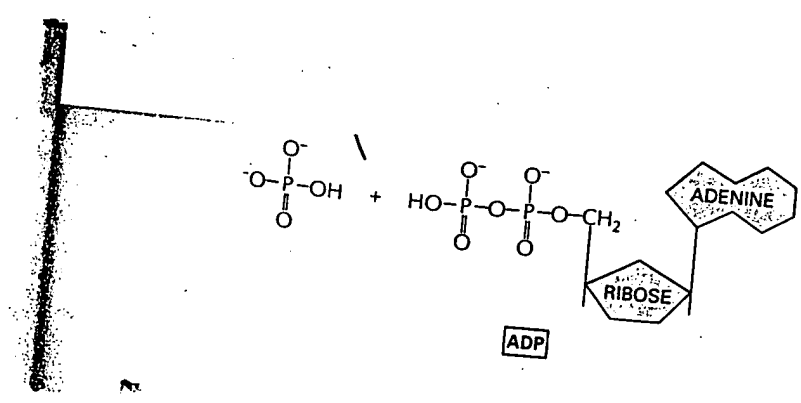


FIGURE 7

00024125-080701